

PART 431—THE BUILDERS' PAPER AND BOARD MILLS POINT SOURCE CATEGORY

Subpart A—Builders' Paper and Roofing Felt Subcategory

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AUTHORITY: Secs. 301, 304 (b), (c), (e), and (g), 306 (b) and (c), 307 (b) and (c), and 501 of the Clean Water Act (the Federal Water Pollution Control Act Amendments of 1972, as amended by the Clean Water Act of 1977) (the "Act"); 33 U.S.C. 1311, 1314 (b), (c), (e), and (g), 1316 (b) and (c), 1317 (b) and (c), and 1361; 86 Stat. 816, Pub. L. 92-500; 91 Stat. 1567, Pub. L. 95-217.

SOURCE: 47 FR 52063, Nov. 18, 1982, unless otherwise noted.

Subpart A—Builders' Paper and Roofing Felt Subcategory

§ 431.10 Applicability; description of the builders' paper and roofing felt subcategory.

The provisions of this subpart are applicable to discharges resulting from the production of builders' paper and roofing felt from wastepaper.

§ 431.11 Specialized definitions.

For the purpose of this subpart:

(a) Except as provided below, the general definitions, abbreviations, and methods of analysis set forth in 40 CFR part 401 and § 430.01 shall apply to this subpart.

(b) Production shall be defined as the annual off-the-machine production (including off-the-machine coating where applicable) divided by the number of operating days during that year. Production shall be measured at the off-the-machine moisture content. Production shall be determined

for each mill based upon past production practices, present trends, or committed growth.

(c) A non-continuous discharger is a mill which is prohibited by the NPDES authority from discharging pollutants during specific periods of time for reasons other than treatment plant upset control, such periods being at least 24 hours in duration. A mill shall not be deemed a non-continuous discharger unless its permit, in addition to setting forth the prohibition described above, requires compliance with the effluent limitations established by this subpart for non-continuous dischargers and also requires compliance with maximum day and average of 30 consecutive days effluent limitations. Such maximum day and average of 30 consecutive days effluent limitations for non-continuous dischargers shall be established by the NPDES authority in the form of concentrations which reflect wastewater treatment levels that are representative of the application of the best practicable control technology currently available, the best conventional pollutant control technology, or new source performance standards in lieu of the maximum day and average of 30 consecutive days effluent limitations for conventional pollutants set forth in this subpart.

§ 431.12 Effluent limitations represent- ing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

SUBPART A

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (or pounds per 1,000 lb) of product	
BOD ₅	5.0	3.0
TSS	5.0	3.0
pH	(¹)	(¹)
Settleable Solids	(²)	(²)

¹ Within the range of 6.0 to 9.0 at all times.

² Not to exceed 0.2 ml/l.

[47 FR 52063, Nov. 18, 1982; 48 FR 13178, Mar. 30, 1983]

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§ 431.13 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT): The limitations shall be the same as those specified for conventional pollutants (which are defined in § 401.16) in § 431.12 of this subpart for the best practicable control technology currently available (BPT), except that noncontinuous dischargers shall not be subject to the maximum day and average-of-30-consecutive-days limitations, but shall be subject to annual average effluent limitations determined by dividing the average-of-30-consecutive-days limitations for BOD5 by 1.90 and TSS by 1.90.

[51 FR 45242, Dec. 17, 1986]

§ 431.14 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart where chlorophenolic-containing biocides are used must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT). Non-continuous dischargers shall not be subject to the maximum day mass limitations in kg/kg (lb/1000 lb), but shall be subject to concentration limitations. Concentration limitations are only applicable to non-continuous dischargers. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART A

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	
	Kg/kg (pounds per 1,000 lb)	Milligrams/liter
Pentachlorophenol	0.0017	(0.029)(14.4)/y
Trichlorophenol	0.00060	(0.010)(14.4)/y

y=wastewater discharged in kgal per ton of product.

(Approved by the Office of Management and Budget under control number 2040-0033)

[47 FR 52063, Nov. 18, 1982, as amended at 48 FR 31405, July 8, 1983]

§ 431.15 New source performance standards (NSPS).

Any new source subject to this subpart must achieve the following new source performance standards (NSPS), except that non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days effluent limitations for BOD5 and TSS, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD5 by 1.91 and TSS by 1.90. Also, for non-continuous dischargers, concentration limitations (mg/l) shall apply, where provided. Concentration limitations will only apply to non-continuous dischargers. Only facilities where chlorophenolic-containing biocides are used shall be subject to pentachlorophenol and trichlorophenol limitations. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART A

Pollutant or pollutant property	NSPS	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (or pounds per 1,000 lb) of product	
BOD5	1.7	0.94
TSS	2.7	1.40
pH	(¹)	(¹)
	Kg/kg(lb/1,000 lb) of product	
Pentachlorophenol	0.0017	(0.155)(2.7)/y
Trichlorophenol	0.00060	(0.053)(2.7)/y

y=wastewater discharged in kgal per ton of product.

¹ Within the range of 5.0 to 9.0 at all times.

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[47 FR 52063, Nov. 18, 1982, as amended at 48 FR 31405, July 8, 1983]

§ 431.16 Pretreatment standards for existing sources (PSES).

(a) Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart that introduces pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for existing sources (PSES)

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if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides. PSES must be attained on or before July 1, 1984.

SUBPART A

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.032)(14.4)/y
Trichlorophenol	(0.010)(14.4)/y
y=wastewater discharged in kgal per ton of product.	

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART A

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Kg/kg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0019
Trichlorophenol	0.00060

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[47 FR 52063, Nov. 18, 1982, as amended at 48 FR 31405, July 8, 1983]

§ 431.17 Pretreatment standards for new sources (PSNS).

(a) Except as provided in 40 CFR 403.7, any new source subject to this subpart that introduces

pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for new sources (PSNS) if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART A

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.171)(2.7)/y
Trichlorophenol	(0.053)(2.7)/y
y=wastewater discharge in kgal per ton of product.	

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART A

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Kg/kg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0019
Trichlorophenol	0.00060

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[47 FR 52063, Nov. 18, 1982, as amended at 48 FR 31405, July 8, 1983]